

0 20 40

GAAAATGGCGCCTACAGGCCCGGGTAGTCTTACGACCCTGGTGGCCTGGGCTGCCGCCCT

 CTTTACC CGCGAGTGCCGGGCCCATCAGAATGCTGGGACCACGGGACCCGACGGCGGGA
 M A P H G P G S L T T L V P W A A A L
 60 80 100

GCTCCTCGCTCTGGGCGTGAAAGGGCTCTGGCGCTACCCGAGATATGCACCCAATGTCC

 CGAGGAGCGAGACCCGCACCTTTCCCGAGACCGCGATGGGCTCTATACGTGGGTACAGG
 L L A L G V E R A L A L P E I C T Q C P
 120 140 160

AGGGAGCGTGCAAATTTGTCAAAAGTGGCCTTTTATTGTAAAACGACACGAGAGCTAAT

 TCCCTCGCACGTTTTAAACAGTTTTACCCGAAAATAACATTTTGTGTGCTCTCGATTA
 G S V Q N L S K V A F Y C K T T R E L M
 180 200 220

GCTGCATGCCCCGTTGCTGCCTGAATCAGAAGGGCACCATCTTGGGGCTGGATCTCCAGAA

 CGACGTACGGGCAACGACGGACTTAGTCTTCCCGTGGTAGAACCCCGACCTAGAGGTCTT
 L H A R C C L N Q K G T I L G L D L Q N
 240 260 280

CTGTTCTCTGGAGGACCCTGGTCCAAACTTTTCATCAGGCACATACCACTGTCAATCATA

 GACAAGAGACCTCCTGGGACCAGGTTTGAAAGTAGTCCGTGTATGGTGACAGTAGTATCT
 C S L E D P G P N F H Q A H T T V I I D
 300 320 340

CCTGCAAGCAAACCCCTCAAAGGTGACTTGGCCAACACCTTCCGTGGCTTTACTCAGCT

 GGACGTTGTTGGGGAGTTTCCACTGAACCGGTTGTGGAAGGCACCGAAATGAGTCCA
 L Q A N P L K G D L A N T F R G F T Q L
 360 380 400

CCGACTCTGATACTGCCACAACATGTCAACTGTCTGAGGAATTAATGCCTGGAATAC

 GGTCTGAGACTATGACGGTGTGTACAGTTGACAGGACCTCCTTAATTACGGACCTTATG
 Q T L I L P Q H V N C P G G I N A W N T
 420 440 460

TATCACCTCTTATATAGACAACCAAATCTGTCAAGGGCAAAGAACCTTTGCAATAACAC

 ATAGTGGAGAATATATCTGTTGGTTTAGACAGTTCCCGTTTCTTGGAACGTTATTGTG
 I T S Y I D N Q I C Q G Q K N L C N N T
 480 500 520

TGGGGACCCAGAAATGTGTCTGAGAATGGATCTTGTGTACCTGATGGTCCAGGTCTTTT

 ACCCCTGGGTCTTTACACAGGACTCTTACCTAGAACACATGGACTACCAGGTCCAGAAA
 G D P E M C P E N G S C V P D G P G L L
 540 560 580

FIGURE 1A

Human	TGFa	VVSFHND	CPDSHTQF	-CFH	-GTCRFLVQEDK	PACVCHSGYVGARCEHADLLA
TGFaH3		GG	KNLCNNTGDP	EMCPENG	SCVDPDGPGLLQ	-CVCADGFHGYKCMRQGSFSLM

FIGURE 2

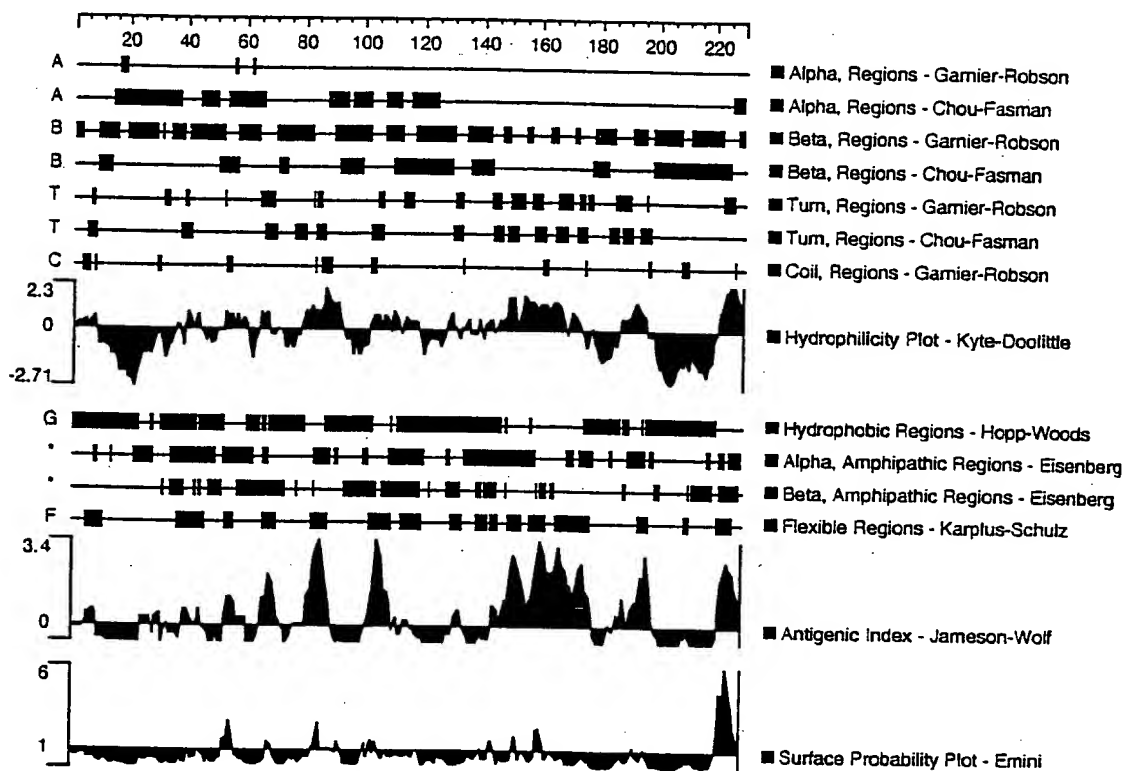


FIGURE 3

AoSMC Alamar Blue Proliferation Assay

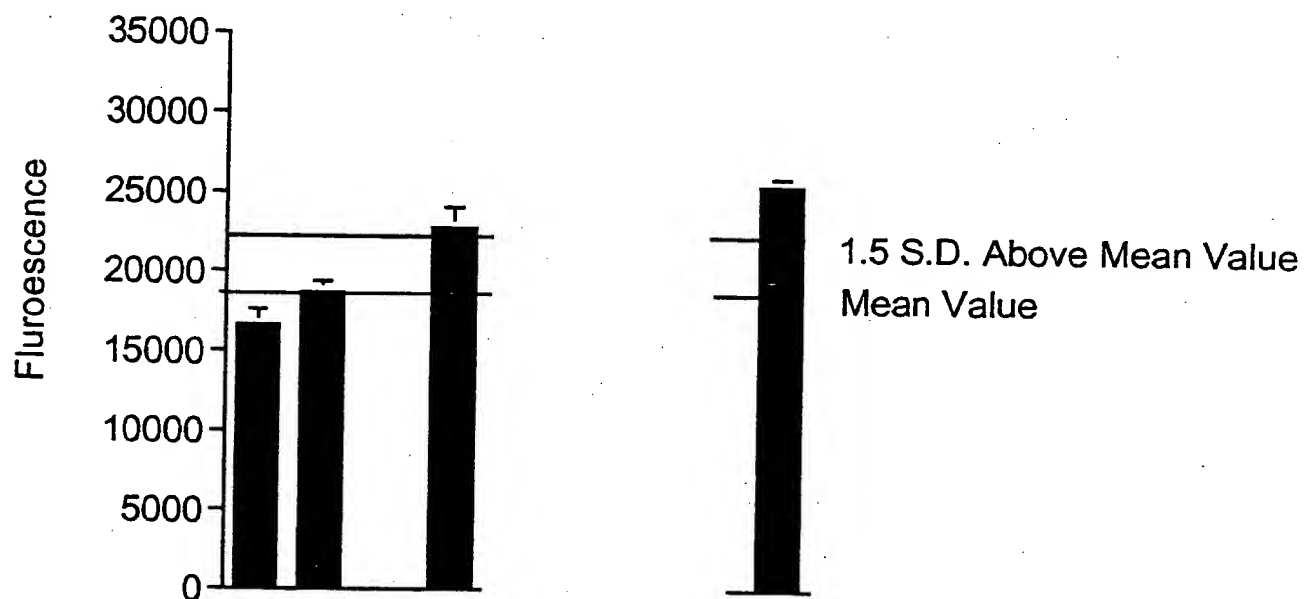


FIGURE 4